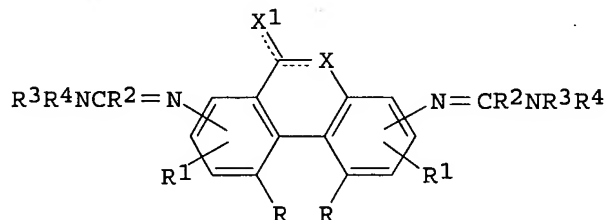


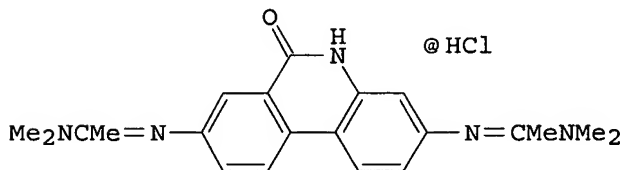
10/694845

ACCESSION NUMBER: 102:6224 CA
 TITLE: Polycyclic bisamidines and their use as chemotherapeutic agents
 INVENTOR(S): Bajwa, Balbir Singh; Chatterjee, Dipak Kumar; Ganguli, Bimal Naresh; Reden, Juergen; DeSouza, Noel John
 PATENT ASSIGNEE(S): Hoechst A.-G., Fed. Rep. Ger.
 SOURCE: Ger. Offen., 31 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3305329	A1	19840823	DE 1983-3305329	19830217 <--
EP 117467	A1	19840905	EP 1984-101373	19840210 <--
EP 117467	B1	19870506		
R: CH, DE, FR, GB, IT, LI				
US 4599409	A	19860708	US 1984-580181	19840215 <--
AU 8424660	A1	19840823	AU 1984-24660	19840216 <--
JP 59163371	A2	19840914	JP 1984-26195	19840216 <--
ZA 8401138	A	19840926	ZA 1984-1138	19840216 <--
PRIORITY APPLN. INFO.:			DE 1983-3305329	A 19830217
OTHER SOURCE(S):	CASREACT 102:6224			
GI				



I



II

AB The title compds. [I; R = H, R2 = OC(O); R1 = H, alkyl, alkoxy, halo, NO2, amino; R2 = H, (un)substituted alkyl; R3, R4 = alkyl, R3R4N = heterocyclyl; X = O, N, NH; X1 = O, H, halo, alkoxy, amino, heterocyclyl; dotted lines represent optional double bonds] were prepared. Thus, 3,8 diamino-5(6H)-phenanthridinone was stirred 30 min at room temperature with POCl3/AcNMe2 to give 85% phenanthridinediylbis[acetamidine] II. I are effective in vitro protozoacides against Entamoeba histolytica at 50-200 mcg/L.
 IT 93494-47-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (condensation of, with amides)
 RN 93494-47-4 CA

10/694845

CN 3,6,8-Phenanthridinetriamine, N6,N6-dimethyl- (9CI) (CA INDEX NAME)

